(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 15 September 2005 (15.09.2005)

PCT

(10) International Publication Number WO 2005/084924 A2

(51) International Patent Classification⁷:

B29C 67/00

(21) International Application Number:

PCT/EP2005/001058

(22) International Filing Date: 3 February 2005 (03.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

TV2004A000019 27 February 2004 (27.02.2004) IT

(71) Applicant and

(72) Inventor: TONCELLI, Luca [IT/IT]; Viale Asiago, 34, I-36061 Bassano del Grappa (Vicenza) (IT).

(74) Agents: AGOSTINI, Agostino et al.; Dragotti & Associati S.r.l., Via Paris Bordone, 9, I-31100 Treviso (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

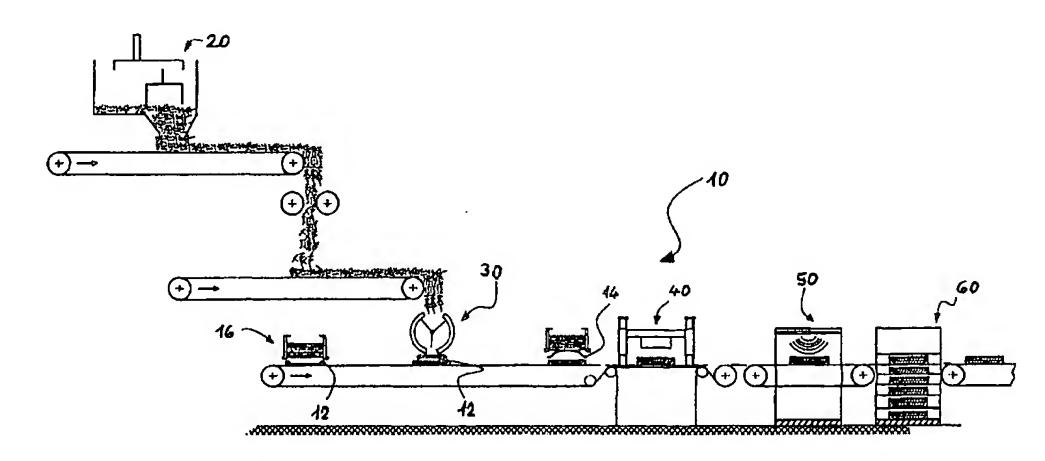
— of inventorship (Rule 4.17(iv)) for US only

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR MANUFACTURING SHEETS OF AGGLOMERATE MATERIAL USING DIELECTRIC HEATING AND ASSOCIATED PLANT



(57) Abstract: In a method for manufacturing sheets of agglomerate material comprising in succession a first step involving preparation of a mix by mixing a granulate with an organic binder, a second step involving distribution of the mix inside a tray mould, a third step involving vacuum vibro-compaction in order to obtain a compacted sheet, and a final step involving hardening of the organic binder, an intermediate step involving dielectric preheating of the compacted sheet being introduced between the third vacuum vibro-compaction step and the final hardening step.